

FIGURE 1

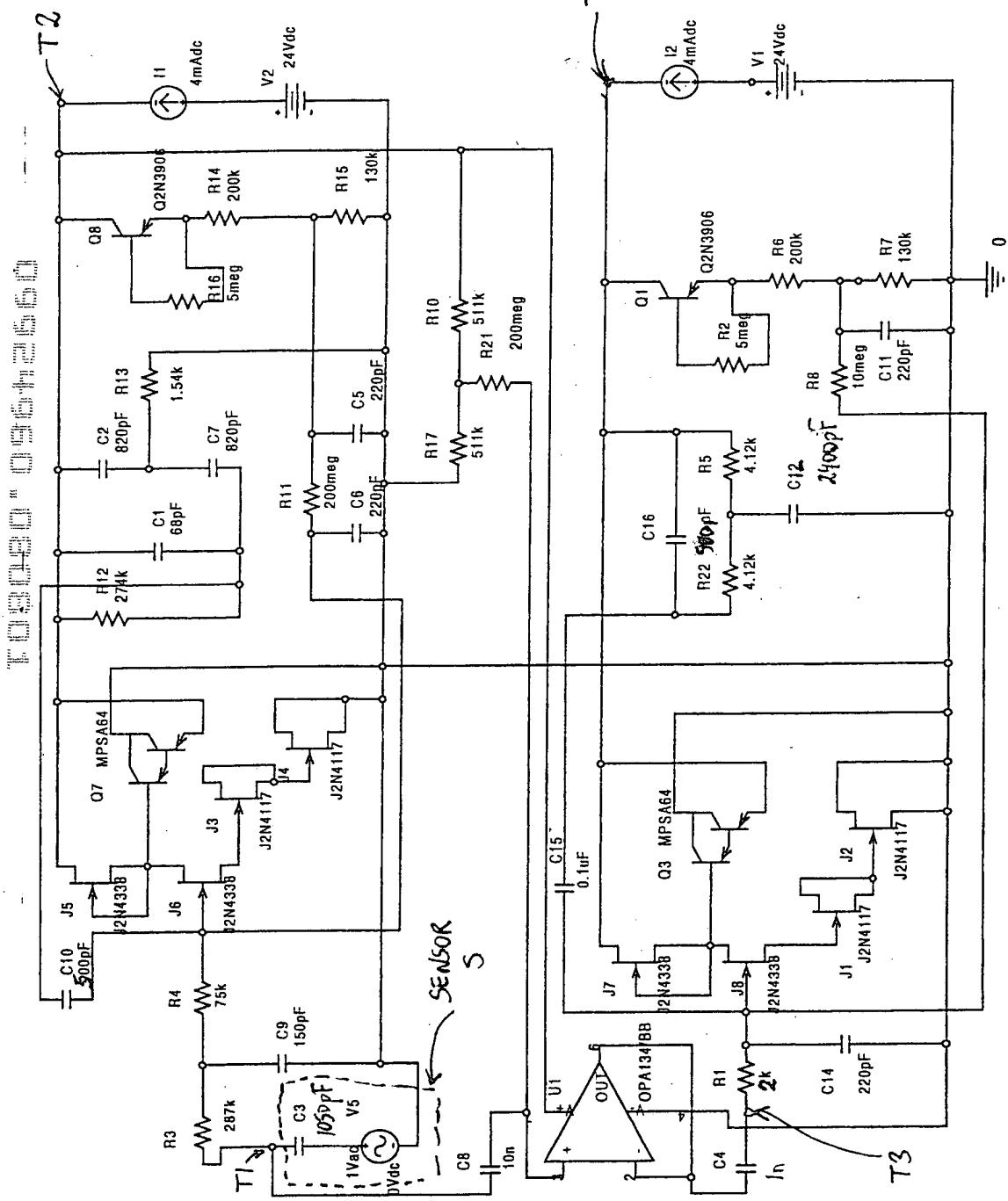


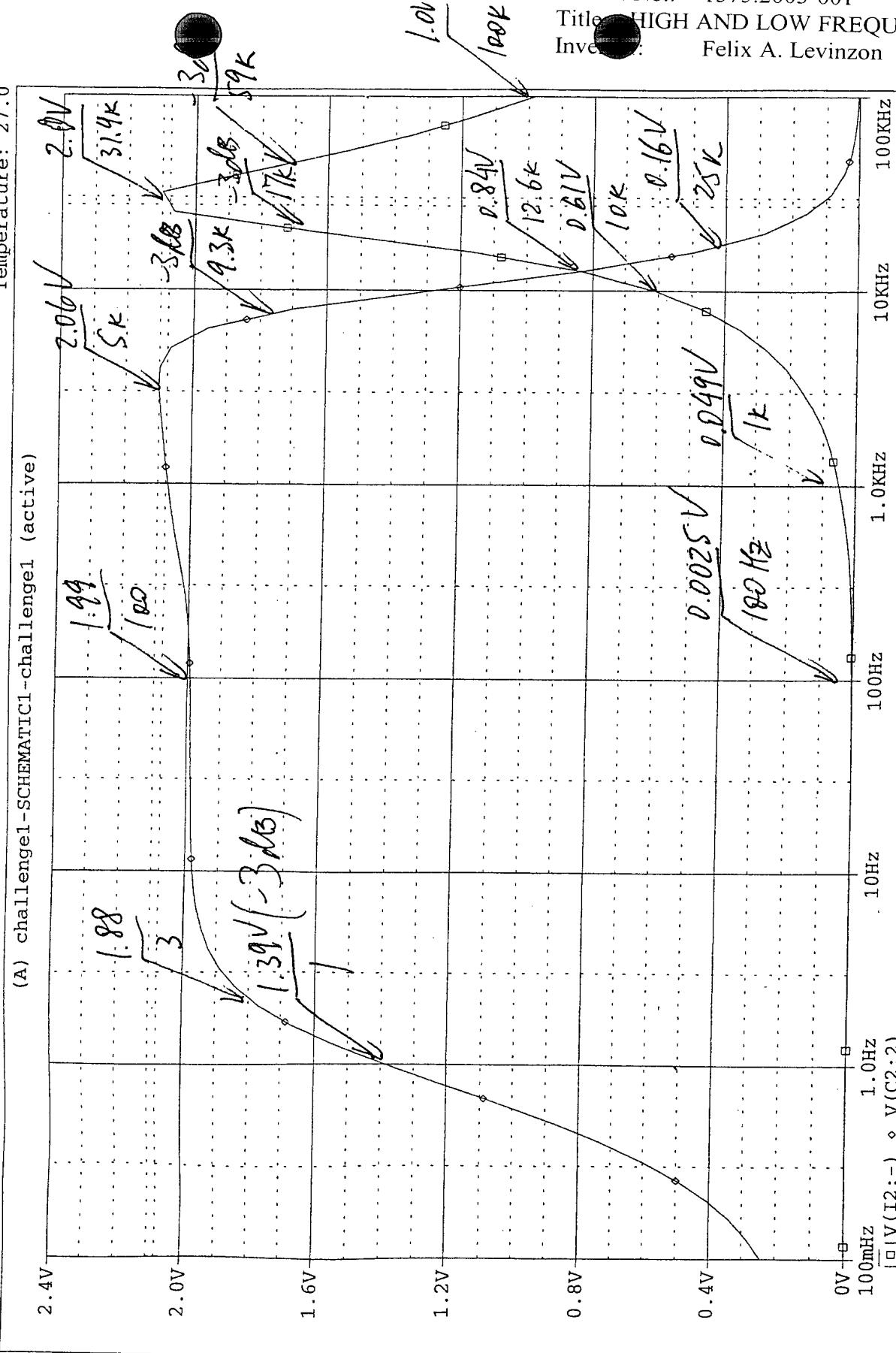
Fig. 2

0 9 9 2 4 9 6 0 0 9 0 6 6 0

$$V_{in} = IV$$

Date/Time run: 05/02/00 13:45:58      \*\* circuit file for profile: challenge1

Temperature: 27.0



Docket No.: 1575.2003-001  
Title: HIGH AND LOW FREQUENCY...  
Inventor: Felix A. Levinzon

Frequency

Date	Frequency
May 02, 2000	1.0

5/2/80

TODAY'S "09642450 Channel

X=27: 38kHz  
Y<sub>a</sub>=6: 22601 dB  
FREQ RESP

10.0  
/DIV

dB

-70.0

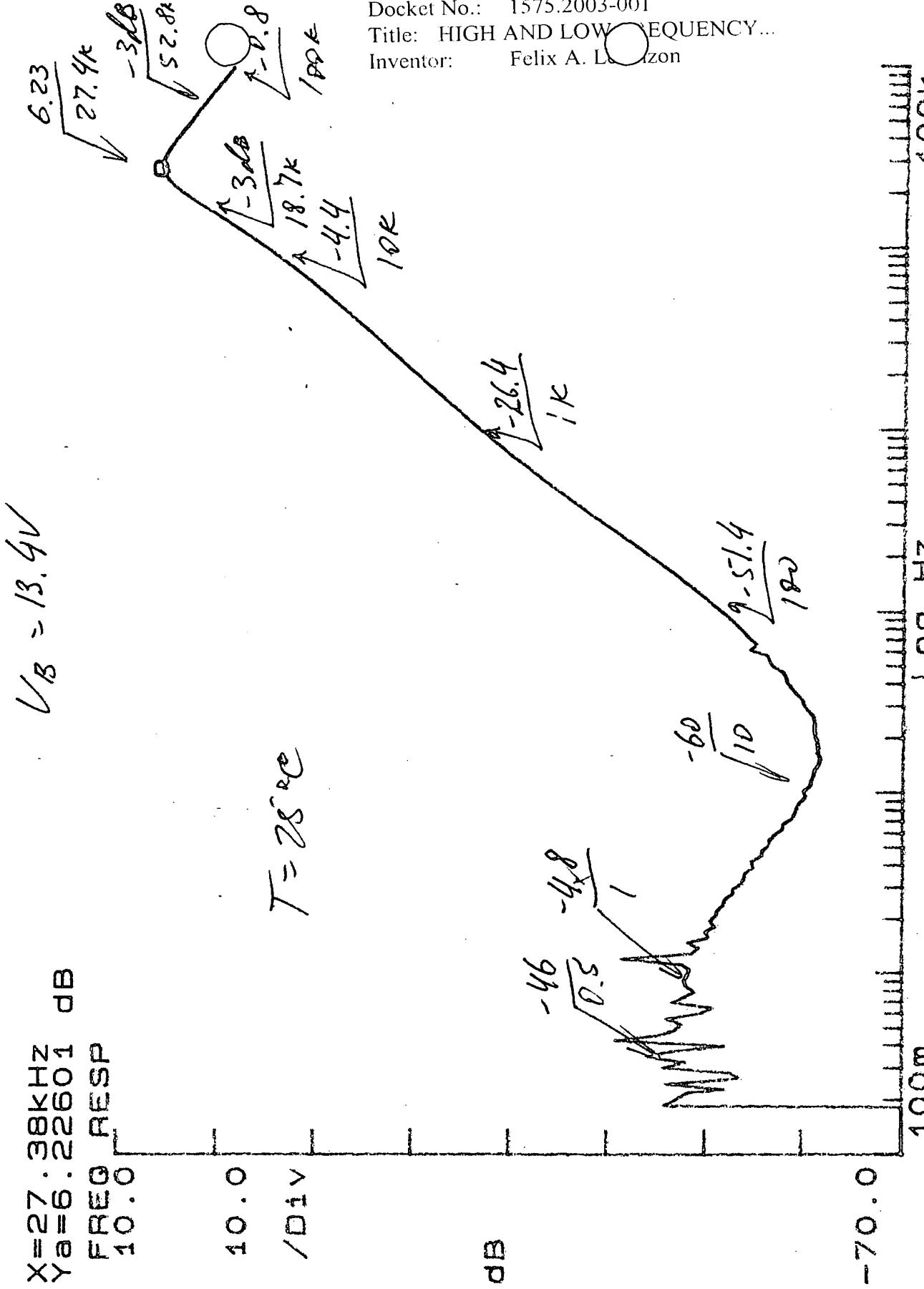


Fig. 4

5/2/80

FIGURE FIFTEEN  
PERFECT CHANNEL

X=27: 38KHZ  
Y<sub>a</sub>=6: 30532 dB  
FAEQ RESP  
10.0 / Div

$$V_B = 11.1V$$

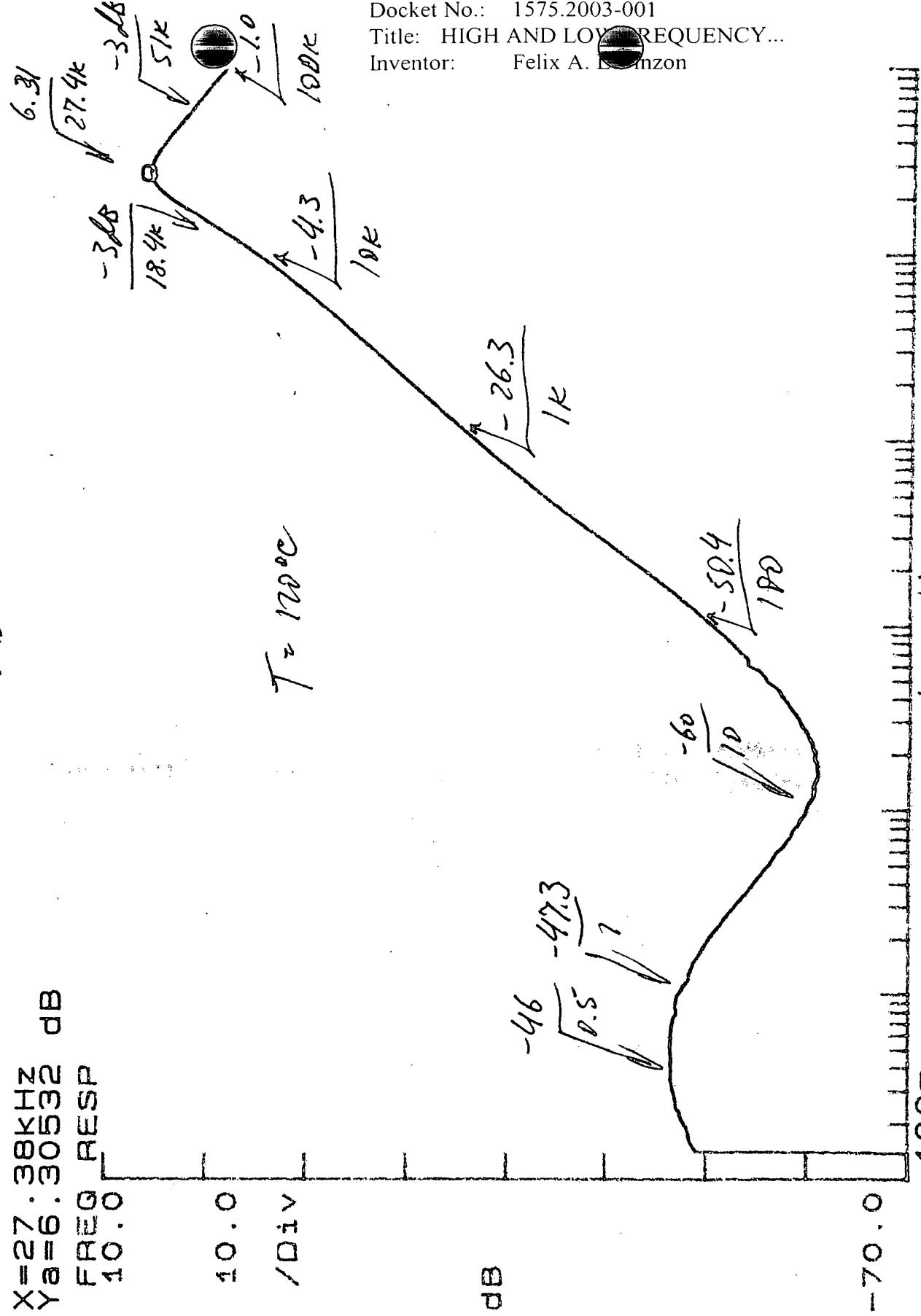


Fig. 5

LF Channel

$$U_B = 12.7V$$

$$X = 100 \text{ Hz}$$

$$Y_a = 6.45 \text{ dB}$$

FREQ RESP

$$\frac{-3dB}{1.3}$$

16.0  
8.0

/Div

dB

$$\frac{5.6}{\sqrt{3}}$$

$$\frac{6.45}{100}$$

$$\frac{6.61}{5K - 1dB}$$

$$\frac{-1dB}{2.7}$$

$$T = 25^\circ C$$

$$\frac{-3dB}{9.07k}$$

$$\frac{-17.3}{25K}$$

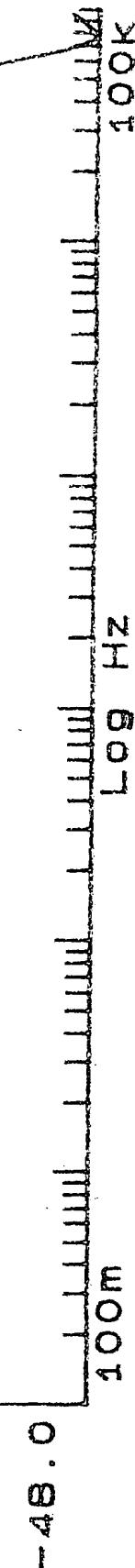
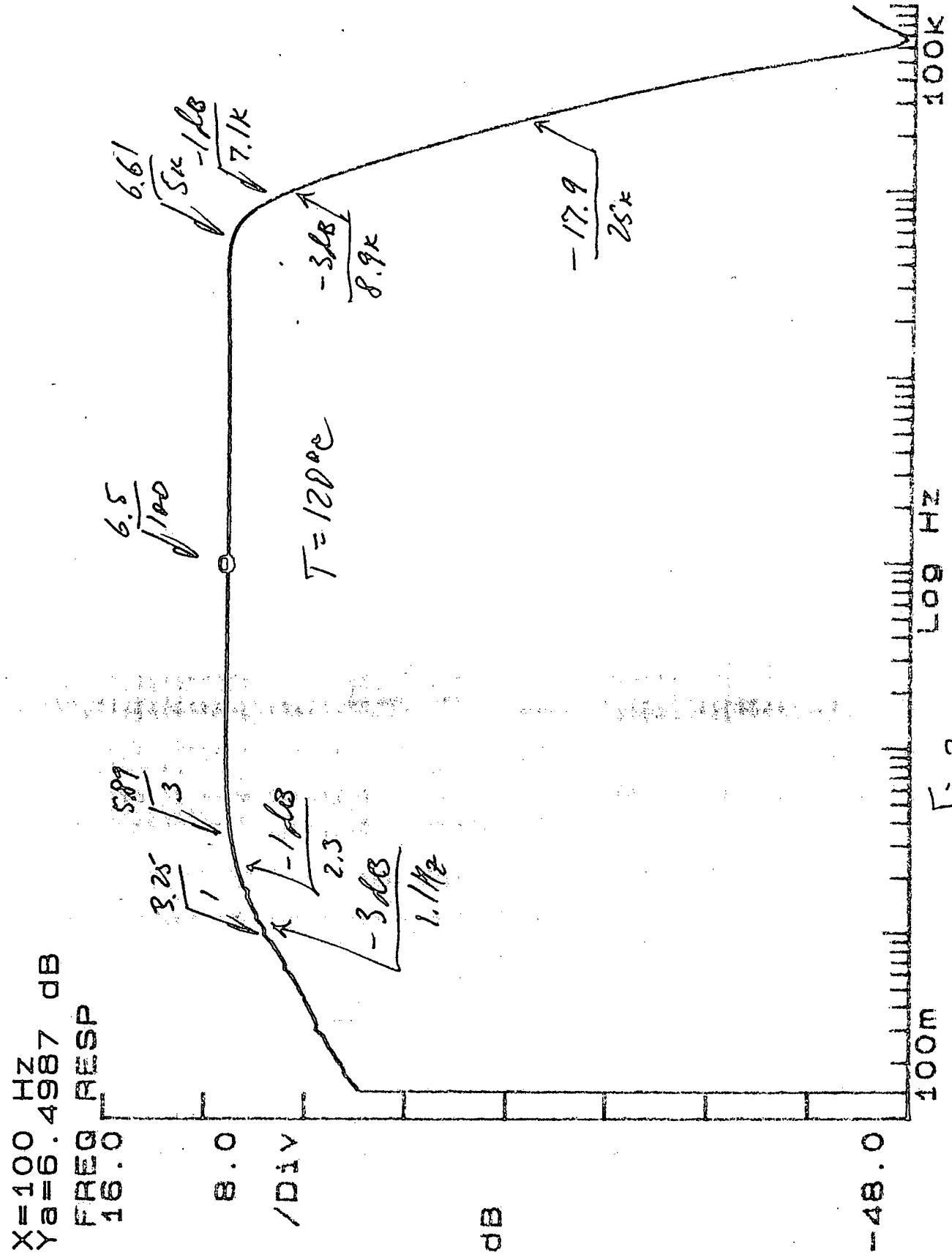


Fig. 6

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LF Channel

$$V_B = 10.7 \text{ V}$$



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5/3/00

SCHLESINGER / THE POLITICAL ECONOMY OF THE COLD WAR 11

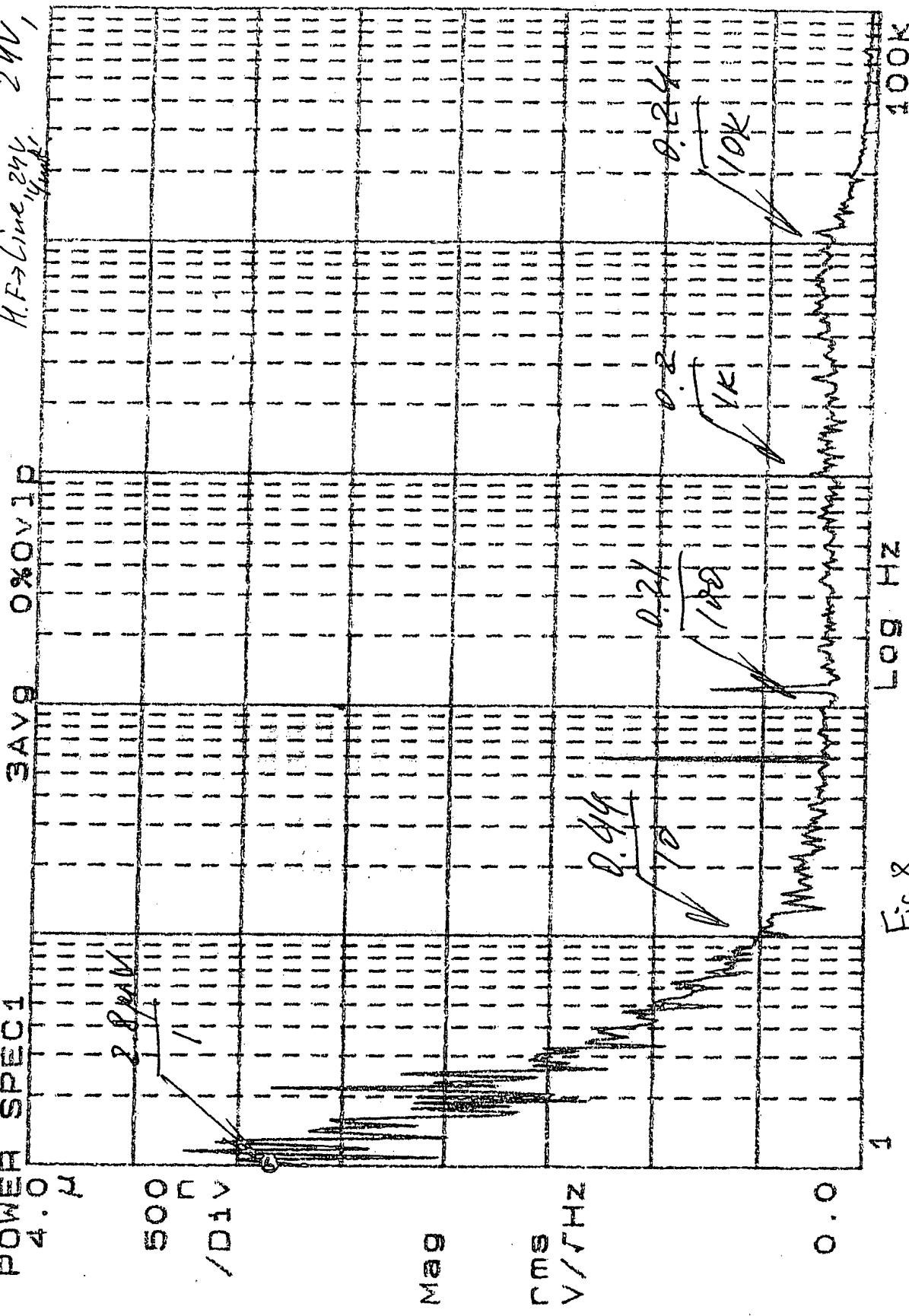
UF Channel

$$V_m(1-10\%) = 21 \mu V \text{ max}$$

L.F. → U.S. - Baffler  
line, 246 247 248

$$T = 25^{\circ}\text{C}$$

$$X_0 = 1.029 \cdot 10^{-1} \mu V / \text{rHz}$$



8  
Fig.

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H.F. Channel

L.F. - Battery 24V, 4mA  
H.F. - Line, 24V, 4mA

OV 1

$$V_o(1-30\text{Hz}) = 15 \mu\text{V rms}$$
$$V_o(1-100\text{Hz}) = 22 \mu\text{V rms}$$
$$X_a = 1.059 \text{ Hz}$$
$$Y_a = 2.69781 \mu\text{V}/\sqrt{\text{Hz}}$$

POWER SPEC1

5/3/80

T = 28°C

800  
n  
/Div

6.4

MAG

rms  
V/ $\sqrt{\text{Hz}}$

2.7

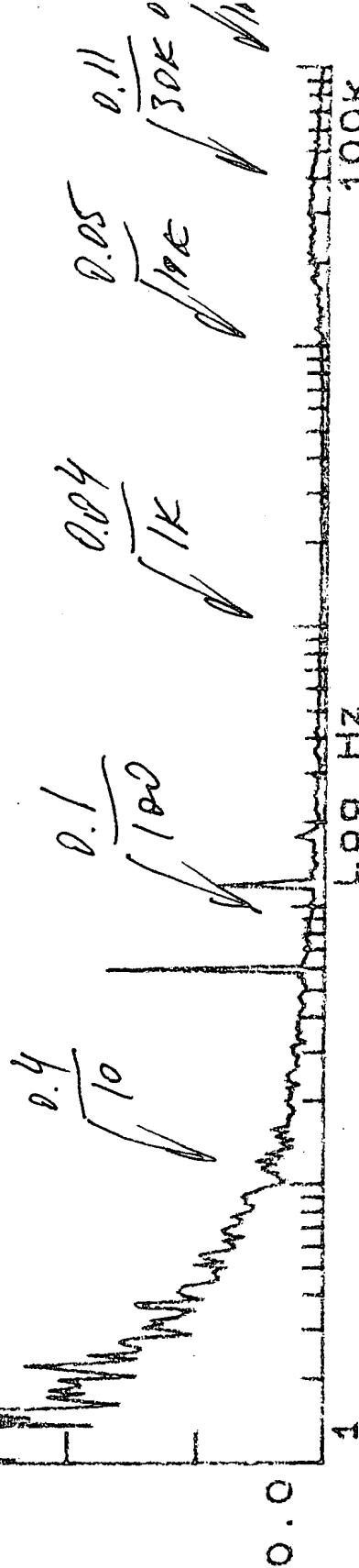


Fig. 9